

Rec'd PCTA

19 DEC 2005

FAX TRANSMISSION*10/553400***DATE:** December 19, 2005**PTO IDENTIFIER:** Application Number 10/553,400
Patent Number**Inventor:** Alain Morel**MESSAGE TO:** US/RO**FAX NUMBER:** (703) 305-3230**FROM:** CONNOLLY BOVE LODGE & HUTZ LLP
Morris Liss**PHONE:** (202) 331-7111**Attorney Dkt. #:** 21029-00304-US1**PAGES (Including Cover Sheet):** 13**CONTENTS:** Transmittal Letter to the United States Designated-Elected Office (3 pages)
Fee Transmittal (1 page)
Application Data Sheet (2 pages)
Oath or declaration of the inventor(s) (5 pages)
Charge \$130.00 to deposit account 22-0185
Certificate of Transmission (1 page)

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Telephone: (202) 331-7111 Facsimile: (202) 293-6229

PTO/SB/97 (09-04)

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U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

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Application No. (if known): 10/553,400

Attorney Docket No.: 21029-00304-US1

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on December 19, 2005
Date



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Lisa Hawkins

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Transmittal Letter to the United States Designated-Elected Office (3 pages)
Fee Transmittal (1 page)

Application Data Sheet (2 pages)
Oath or declaration of the Inventor(s) (8 pages)
Charge \$130.00 to deposit account 22-0185

PTO-1390 (Rev. 07-2005)

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**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/FR04/000866	7 April 2004	18 April 2003

TITLE OF INVENTION

METHOD FOR CONTROLLING THE HOMOGENEITY OF THE TEMPERATURE OF PRODUCTS IN A METALLURGICAL REHEATING FURNACE, AND REHEATING FURNACE

APPLICANT(S) FOR DO/EO/US

Alain Morel

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
- This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
- This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (8) and (21) indicated below.
- The US has been elected (Article 31).
- A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. Is not required, as the application was filed in the United States Receiving Office (RO/US).
- An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. Is attached hereto.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
- Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
- An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

- An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- A preliminary amendment.
- An Application Data Sheet under 37 CFR 1.76.
- A substitute specification.
- A power of attorney and/or change of address letter.
- A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.
- A second copy of the published International Application under 35 U.S.C. 154(d)(4).
- A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

PTO-1390 (Rev. 07-2005)

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U.S. APPLICATION NO. (if known, see 37 CFR 1.6) 10/553,400	INTERNATIONAL APPLICATION NO. PCT/FR04/000866	ATTORNEY'S DOCKET NUMBER 21029-00304-US1																																																																																																		
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<p>The following fees have been submitted</p> <table border="1"> <tr> <td>21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)) \$300</td> <td>CALCULATIONS</td> <td>PTO USE ONLY</td> </tr> <tr> <td></td> <td>\$</td> <td></td> </tr> <tr> <td>22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 All other situations \$200</td> <td>\$</td> <td></td> </tr> <tr> <td>23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400 All other situations \$500</td> <td>\$</td> <td></td> </tr> <tr> <td>TOTAL OF 21, 22 and 23 =</td> <td>\$ 0.00</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(i)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</td> <td></td> <td></td> </tr> <tr> <td>Total Sheets</td> <td>Extra Sheets</td> <td>Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td>RATE</td> <td></td> </tr> <tr> <td>- 100 =</td> <td>/50 =</td> <td></td> <td>x \$250.00</td> <td>\$</td> </tr> <tr> <td colspan="3">Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.482(h)).</td> <td>\$ 130.00</td> <td></td> </tr> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td>RATE</td> <td></td> </tr> <tr> <td>Total claims</td> <td>- 20 =</td> <td></td> <td>x</td> <td></td> </tr> <tr> <td>Independent claims</td> <td>- 3 =</td> <td></td> <td>x</td> <td></td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+</td> <td></td> </tr> <tr> <td colspan="3">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$ 130.00</td> <td></td> </tr> <tr> <td colspan="3"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/4.</td> <td></td> <td></td> </tr> <tr> <td colspan="3"></td> <td>SUBTOTAL =</td> <td>\$ 130.00</td> </tr> <tr> <td colspan="3">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.482(j)).</td> <td>\$</td> <td></td> </tr> <tr> <td colspan="3"></td> <td>TOTAL NATIONAL FEE =</td> <td>\$ 130.00</td> </tr> <tr> <td colspan="3">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</td> <td>\$ +</td> <td></td> </tr> <tr> <td colspan="3"></td> <td>TOTAL FEES ENCLOSED =</td> <td>\$ 130.00</td> </tr> <tr> <td colspan="3"></td> <td>Amount to be refunded:</td> <td>\$</td> </tr> <tr> <td colspan="3"></td> <td>Amount to be charged</td> <td>\$</td> </tr> </table>			21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)) \$300	CALCULATIONS	PTO USE ONLY		\$		22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 All other situations \$200	\$		23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400 All other situations \$500	\$		TOTAL OF 21, 22 and 23 =	\$ 0.00		<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(i)). 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PTO/SB/17 (12-04v2)

AIA for use through 7/31/2006. OMB 0651-0032
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Effective on 12/08/2004.
Fee pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 130.00)

Complete if Known

Application Number	10/553,400
Filing Date	October 17, 2005
First Named Inventor	Alain Morel
Examiner Name	Not Yet Assigned
Art Unit	N/A
Attorney Docket No.	21029-00304-US1

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____
 Deposit Account Deposit Account Number 22-0185 Deposit Account Name Connolly Bove Lodge & Hutz LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 Credit any overpayments

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Rcissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description

Fee Description	Small Entity Fee (\$)	Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Rcissuses)	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	
- 20 =	x	=		Fee (\$)	Fee Paid (\$)

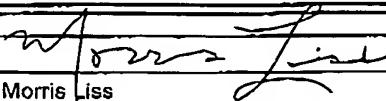
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 3 =	x	=	

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/50	(round up to a whole number) x	=	

4. OTHER FEE(S)	Fees Paid (\$)
Non-English Specification, \$130 fee (no small entity discount)	
Other (e.g., late filing surcharge): 1617 Search fee, examination fee or oath or ...	130.00

SUBMITTED BY		Signature	Registration No. (Attorney/Agent)	Telephone
Name (Print/Type)	Morris Liss		24,510	(202) 331-7111
Date				December 19, 2005

NO 0126 Rec'd PCT/PTO 19 DEC 2005

P. 5/13

10/553400

1390 (Rev. 07-2005)

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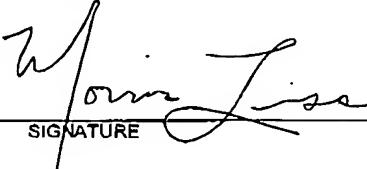
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- b. Please charge my Deposit Account No. _____ in the amount of \$ 130.00 to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 22-0185. A duplicate copy of this sheet is enclosed.
- d. Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed or granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:


SIGNATURE

Morris Liss

NAME

CUSTOMER NUMBER: 30678

24,510

REGISTRATION NUMBER

FEE PAYMENT ACCOUNTABILITY	
DEPOSIT ACCOUNT NO.	
22	0185
163	500
1642	400
167	130

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 01/13/2006 WALVARAD 00000003 220185 10553400
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